



Plant Names Database: Quarterly changes



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This report is generated using an automated system and is therefore authored by the staff at the Allan Herbarium who currently contribute directly to the development and maintenance of the Plant Names Database. Authors are listed alphabetically after the third author. Authors have contributed as follows:

Leadership: Wilton, Schönberger, Breitwieser, Smissen

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Information System development: Wilton, De Pauw, Cochrane

Technical support: Boardman, Korver, Redmond, Tawiri

Disclaimer

The Plant Names Database is being updated every working day. We welcome suggestions for improvements, concerns, or any data errors you may find. Please email these to PlantInfo@landcareresearch.co.nz.

Introduction

The scientific names that are relevant to the New Zealand flora are constantly changing as we document new indigenous and exotic taxa in the flora, improve our understanding of the taxonomy and circumscription of taxa, and update information to be consistent with the International Code of Nomenclature and other standards. The purpose of this document is to provide an update of recent changes in the taxonomy and nomenclature for the New Zealand flora.

The Plant Names Database was established to record the scientific and vernacular names and taxonomy that are relevant to the New Zealand flora. It covers seed plants, ferns and lycophytes, mosses, liverworts, hornworts, and lichens that are indigenous or exotic to New Zealand. It primarily focuses on taxa that are present in the “wild” flora, but also includes information for taxa in other biostatus categories.

The staff at the Allan Herbarium update the information in the Plant Names Database, which is made available through the New Zealand Plants Website - <http://nzflora.landcareresearch.co.nz>, often with input and advice from botanists working in other organisations. This document summarises for the period stated below the changes in the Plant Names Database. The type of changes include:

- addition of new names
- formal merging and removal of duplicate names
- changes to the status of the name, as a preferred name or synonym for a taxon
- updates of the origin or occurrence (i.e. biostatus) of a taxon within New Zealand
- changes to the classification of a taxon
- updates of the scientific article that is being applied to a taxon to determine whether the name is a synonym or preferred name

All of these changes are logged when the data are regularly published to the New Zealand Plants website, and then automatically compiled into these reports at the end of each quarter without human intervention.

Structure of the document

The document is arranged in two parts. Part 1 provides a listing of scientific names by major taxonomic groups. Within these groups names are listed alphabetically by the type of change. Names in this section are listed in plain text and without authors.

In Part 2 the names are listed following the taxonomic classification. The type of changes are indicated by symbols following the name. Names are presented with author when available, and are correctly formatted. If a name is a synonym, the preferred name is listed on the next line.

In both parts preferred names are listed in bold.

Reporting period

This report covers the changes published between 23 September 2018 and 28 November 2018.

Notification Service

These changes are also available as a subscription service (ATOM) at the following web location:
<http://nzflora.landcareresearch.co.nz/feed>

Acknowledgements

The Plant Names Database is built on the contributions of a number of individuals, and continues to be maintained with significant contributions from people both within and outside of Landcare Research. In particular we would like to acknowledge the significant contributions of the following people who regularly recommend updates for the data within the Plant Names Database: Pat Brownsey (Te Papa Tongarewa Museum of New Zealand), Peter de Lange (Department of Conservation), David Galloway (Research Associate, Landcare Research), Leon Perrie (Te Papa Tongarewa Museum of New Zealand), Jeremy Rolfe (Department of Conservation), John Steele (University of Otago).

We would like to thank Christine Bezar and Margot Bowden for their advice while we were developing this report.

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Index of changes for Ascomycetes

Biostatus change

Opegrapha thelotrematis 9

Spelling change

Lathagrium durietzii 9

Index of changes for Bryatae

Index of changes for Hepaticae

Index of changes for Magnoliopsida

Additions

Cassia odorata	10
Senna odorata	10
Solanum opacum	11

Merges or Deletions

Solanum nitidibaccatum	11
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Spelling change

Crassocephalum	10
Origanum majorana	10
Philodendron	9
Psidium cattleyanum	10
Solanum opacum	11

Preferred Name change

Cassia odorata	10
Senna odorata	10
Solanum americanum subsp. <i>nodiflorum</i>	10
Solanum americanum subsp. <i>nutans</i>	10
Solanum americanum var. <i>nodiflorum</i>	11
Solanum humile	11
Solanum nigrum f. <i>humile</i>	11
Solanum nodiflorum	11
Solanum nodiflorum subsp. <i>nodiflorum</i>	11
Solanum nodiflorum subsp. <i>nutans</i>	11
Solanum physalifolium var. <i>nitidibaccatum</i>	11

Biostatus change

Crassocephalum	10
Danhatchia australis	9
Dimorphotheca jucunda	10
Draba	10
Jatropha	10
Mesembryanthemum cordifolium	10
Origanum majorana	10
Oxybasis ambigua	10
Ruta	10
Salicornia	10
Salicornia quinqueflora	10
Solanum americanum	10
Solanum opacum	11
Solanum physalifolium	11
Trisetum flavescens	10

Taxonomy Article change

Cassia odorata	10
Danhatchia australis	9
Senna odorata	10
Solanum americanum	10
Solanum americanum subsp. <i>nodiflorum</i>	10
Solanum americanum subsp. <i>nutans</i>	10
Solanum americanum var. <i>nodiflorum</i>	11
Solanum humile	11
Solanum nigrum f. <i>humile</i>	11
Solanum nodiflorum	11
Solanum nodiflorum subsp. <i>nodiflorum</i>	11
Solanum nodiflorum subsp. <i>nutans</i>	11
Solanum opacum	11
Solanum physalifolium var. <i>nitidibaccatum</i>	11
Solanum villosum	11

Index of changes for Polypodiopsida

Preferred Name change

Hypolepis distans 11

Biostatus change

Deparia 11

Deparia petersenii subsp. congrua 11

Tectariaceae 11

Taxonomy Article change

Hypolepis distans 11

Hierarchical checklist of changes

The following symbols are used to indicate changes to the data.

Ⓐ: addition; Ⓡ: the removal or merging of scientific names; Ⓢ: a change to the spelling of the name;
Ⓒ: a change in the origin information; Ⓣ: a change in the presence (occurrence) information; Ⓤ: a
change in the taxonomic article; Ⓥ: a change to the preferred name; Ⓦ: a change to the classification
(direct parent)

***Nigropuncta* D.Hawkes. Ⓣ**

Origin: Non-endemic; Occurrence: Wild

***Phaeosporobolus* D.Hawkes. & Hafellner Ⓣ**

Origin: Non-endemic; Occurrence: Wild

***Phaeosporobolus alpinus* R.Sant., Alstrup & D.Hawkes. Ⓢ**

Origin: Non-endemic; Occurrence: Wild

Ascomycetes

Arthoniales

Roccellaceae

***Opegrapha thelotrematis* Coppins Ⓣ**

Origin: Non-endemic; Occurrence: Wild

Lecanorales

Collemataceae

***Lathagrium durietzii* (Degel.) Otálora, P.M.Jørg. & Wedin Ⓢ**

Origin: Non-endemic; Occurrence: Wild

Bryopsida

Dicranales

Dicranaceae

***Campylopus novae-zealandiae* E.B.Bartram & Dixon Ⓤ**

= ***Campylopus introflexus* (Hedw.) Brid.**

***Dicnemoloma* (Renauld) Renauld Ⓢ**

= ***Sclerodontium* Schwägr.**

Rhabdoweisiaceae

***Symblepharis pumila* Mitt. Ⓤ**

= ***Kiaeria pumila* (Mitt.) Ochyra**

Jungermanniopsida

Jungermanniales

Plagiochilaceae

***Plagiochila banksiana* Gottsche Ⓢ**

Origin: Endemic; Occurrence: Wild

***Plagiochila banksiana* Gottsche var. *banksiana* Ⓢ**

Origin: Endemic; Occurrence: Wild

***Plagiochila ramosissima* (Hook.) Lindenb. Ⓢ Ⓣ**

Origin: Non-endemic; Occurrence: Wild

Porellales

Frullaniaceae

***Frullania pycnantha* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees Ⓢ**

Origin: Endemic; Occurrence: Wild

***Frullania scandens* Mont. Ⓢ**

Origin: Endemic; Occurrence: Wild

Lejeuneaceae

***Colura pulcherrima* var. *bartlettii* Ast Ⓢ**

Origin: Endemic; Occurrence: Wild

***Colura saccophylla* E.A.Hodgs. & Herzog Ⓢ**

Origin: Endemic; Occurrence: Wild

Magnoliopsida

Alismatales

Araceae

***Philodendron* Schott Ⓢ**

Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Asparagales

Orchidaceae

***Danhatchia australis* (Hatch) Garay & Christenson Ⓢ Ⓤ**

Origin: Endemic; Occurrence: Wild

Jones, D.L.; Clements, M.A. 2018: *Danhatchia novaehollandiae* (Orchidaceae: Goodyerinae), a new species from south-eastern Australia. *Australian Orchid Review* 83(4): 56-57.

Asterales

Compositae

Crassocephalum Moench Ⓛ ⓘ

Origin: Exotic; Occurrence: Sometimes present

Dimorphotheca jucunda E.Philips Ⓛ ⓘ

Origin: Exotic; Occurrence: Wild

Brassicales

Cruciferae

Draba Dill. ex L. Ⓛ ⓘ

Origin: Exotic; Occurrence: Wild

Caryophyllales

Aizoaceae

Mesembryanthemum cordifolium L.f. Ⓛ ⓘ

Origin: Exotic; Occurrence: Wild

Amaranthaceae

Oxybasis ambigua (R.Br.) de Lange & Mosyakin Ⓛ ⓘ

Origin: Non-endemic; Occurrence: Wild

Salicornia L. Ⓛ ⓘ

Origin: Non-endemic; Occurrence: Wild

Salicornia quinqueflora Bunge ex Ung.-Sternb. Ⓛ ⓘ

Origin: Non-endemic; Occurrence: Wild

Fabales

Leguminosae

Cassia odorata R.Morris Ⓛ ⓘ ⓘ

= ***Senna barronfieldii (Colla) Hewson***

Hewson, H.J. 2005: Justice for Justice Barron Field. *Telopea* 11(1): 95-98.

Senna odorata (R.Morris) Randell Ⓛ ⓘ ⓘ

= ***Senna barronfieldii (Colla) Hewson***

Hewson, H.J. 2005: Justice for Justice Barron Field. *Telopea* 11(1): 95-98.

Lamiales

Labiatae

Origanum majorana L. Ⓛ ⓘ ⓘ

Origin: Exotic; Occurrence: Present in captivity/cultivation/culture

Malpighiales

Euphorbiaceae

Jatropha L. Ⓛ ⓘ

Origin: Exotic; Occurrence: Sometimes present

Myrtales

Myrtaceae

Psidium cattleyanum Sabine ⓘ

Origin: Exotic; Occurrence: Wild

Poales

Gramineae

Trisetum flavescens (L.) P.Beauv. ⓘ

Origin: Exotic; Occurrence: Sometimes present

Sapindales

Rutaceae

Ruta L. ⓘ

Origin: Exotic; Occurrence: Sometimes present

Solanales

Solanaceae

Solanum americanum Mill. Ⓛ ⓘ ⓘ

Origin: Non-endemic; Occurrence: Wild

Särkinen, T.; Poczai, P.; Barboza, G.E.; van der Weerden, G.M.; Baden, M.; Knapp, S. 2018: A revision of the Old World Black Nightshades (Morellloid clade of *Solanum* L., Solanaceae). *PhytoKeys* 106: 1-223.

Solanum americanum subsp. *nodiflorum* (Jacq.) R.J.F.Hend. ⓘ ⓘ

= ***Solanum americanum Mill.***

Solanum americanum subsp. *nutans* (R.J.F.Hend.) R.J.F.Hend. ⓘ ⓘ

= ***Solanum americanum Mill.***

